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WEATHER BUREAU

AMERICAN UNIVERSITY OBSERVATORY

MONTHLY BULLETIN

METEOROLOGICAL SECTION

FRANS BRUIN : DIRECTOR

HALIM HOURANI, OBSERVER

BEIRUT, LEBANON

Latitude : 33° 54' 22" N.

Longitude : 2^h 21^m 52^s . 7 E.

July 1960

Jourdy Press — Tel. : 43010

JULY 1960

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. †...				Thermometer Degrees Centigrade					
	8:30	41:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	52.5	52.7	52.9	52.7	29.9		27.4	29.0	25.0	27.1
2	53.2	53.0	53.4	53.2	30.0		27.6	29.5	25.0	27.4
3	53.6	53.3	53.5	53.5	30.5		27.5	30.2	25.4	27.7
4	53.7	53.7	54.3	53.9	31.0		27.9	30.6	25.7	28.1
5	54.1	53.4	54.3	53.9	32.1		28.0	31.8	27.9	29.2
6	56.2	56.2	56.5	56.3	30.8		28.2	30.0	25.0	27.7
7	57.2	56.6	56.4	56.7	29.6		27.8	29.0	24.5	27.1
8	56.1	55.1	54.6	55.2	29.4		26.5	27.8	25.0	26.4
9	54.3	54.1	53.9	54.1	30.2		27.7	29.3	25.3	27.4
10	55.0	54.7	54.9	54.9	30.5		28.4	29.6	24.9	27.6
11	55.4	55.2	54.5	55.0	30.6		26.7	29.6	25.2	27.2
12	53.8	53.9	53.8	53.8	30.6		27.5	30.4	25.5	27.8
13	53.2	53.2	53.2	53.2	30.2		27.7	29.5	25.7	27.6
14	52.8	53.3	53.8	53.3	31.2		28.1	30.5	25.8	28.1
15	53.7	53.8	53.3	54.3	30.6		27.8	30.0	25.5	27.8
16	56.6	57.0	58.0	57.2	30.7		28.0	29.7	25.8	27.8
17	58.2	57.7	57.5	57.8	28.3		27.0	27.4	25.4	26.6
18	56.3	55.4	54.9	55.5	29.9		27.8	29.5	26.0	27.8
19	54.5	53.9	53.4	53.9	31.5		28.6	30.7	26.0	28.4
20	53.3	53.3	53.2	53.3	31.0		28.1	29.5	26.5	28.0
21	52.7	52.3	52.5	52.5	32.3		29.1	31.5	26.5	29.0
22	52.6	52.7	53.0	52.8	31.6		28.9	30.9	26.7	28.8
23	53.4	53.0	53.1	53.2	31.4		28.6	30.0	26.6	28.4
24	53.6	53.2	53.5	53.4	31.5		29.0	31.0	27.0	29.0
25	54.0	54.1	54.5	54.2	32.0		29.0	31.5	26.5	29.0
26	55.1	55.2	55.7	55.3	32.0		28.5	30.0	25.8	28.1
27	56.1	54.8	55.1	55.3	32.0		28.4	30.0	25.8	28.1
28	57.2	56.6	56.3	56.7	29.8		27.7	29.2	25.0	27.3
29	56.6	56.2	56.3	56.4	29.4		27.2	29.0	26.5	27.6
30	56.5	56.7	56.7	56.6	30.6		28.0	29.0	25.0	27.3
31	55.7	55.0	55.1	55.3	31.0		27.8	30.5	25.6	28.0
	54.74	54.49	54.64	54.62	30.70		27.98	29.88	25.74	27.85

Barometer, range 758.2 mm – 752.3 mm
" " 71-yrs. aveaage 755.46 mm
Thermometer, range 32.3°C – o.o
" " 82-yrs. axerage 27.1°C
Rain, total for month o.oo
" " 82-yrs. average for month 0.5 mm
" " total from Sept, 1 629.77 mm
" " 82-yrs. average from Sept. 1 892.56 mm

JULY 1960

METEOROLOGICAL REGISTRE

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kmsr	m. m.
1	23.5	25.8	24.1	24.5	64	64	76	68	12.4	391	
2	23.9	26.1	26.5	25.5	65	63	84	71	11.6	182	
3	27.9	27.5	27.2	27.5	76	64	84	75	11:5	204	
4	28.0	29.4	27.8	28.4	74	97	84	75	12.2	320	
5	25.5	22.2	13.5	20.4	68	48	37	51	11.4	319	
6	24.9	25.5	24.1	24.8	65	60	76	67	12.3	240	
7	20.8	20.8	20.0	20.5	56	52	65	58	12.1	187	
8	24.0	25.1	25.5	24.9	69	68	80	72	12.3	43	
9	26.0	26.8	26.5	26.4	70	66	82	73	12.4	80	
10	27.2	26.9	24.9	26.3	70	65	79	71	12.6	106	
11	24.3	25.4	23.9	24.5	70	61	75	69	12.6	187	
12	23.7	24.2	24.4	24.1	64	55	75	65	12.4	266	
13	25.0	25.7	25.7	25.5	68	61	78	69	11.7	108	
14	27.3	27.6	25.9	26.9	72	63	78	71	12.1	217	
15	25.1	25.0	24.4	24.8	68	59	73	67	12.2	330	
16	22.5	23.0	22.5	22.7	60	55	67	61	10.9	175	
17	23.4	23.5	26.1	24.3	66	64	80	70	12.0	109	
18	27.2	25.7	26.7	26.5	73	62	80	72	12.7	127	
19	28.2	28.5	27.8	28.2	73	65	82	73	12.6	192	
20	29.0	28.2	24.0	27.1	76	69	69	71	12.7	159	
21	21.0	29.3	29.2	26.5	51	63	84	66	12.3	101	
22	27.7	28.4	29.1	28.4	70	64	83	72	12.4	134	
23	28.7	26.6	28.3	27.9	74	63	81	73	12.1	74	
24	27.1	28.3	28.0	27.8	68	63	79	70	10.7	79	
25	27.3	27.9	26.3	27.1	69	60	76	68	12.1	179	
26	24.3	25.0	23.4	24.2	62	59	71	64	11.9	108	
27	22.6	23.5	21.0	22.4	58	55	63	59		90	
28	19.9	21.6	26.5	22.7	54	53	84	64	12.5	93	
29	22.1	23.2	25.2	23.5	61	58	73	64	10.8	71	
30	25.0	24.6	24.1	24.6	66	61	76	68	6.7	69	
31	22.6	23.4	22.7	22.9	61	53	70	61	12.2	122	
	25.02	25.63	25.00	25.22	66.5	60.7	75.6	67.7	11.88	163.29	

Height of Barometer above sea level : 33.7 meters.
Height of Thermometers above ground :
Dry and wet 1·25 m. ; Max. 1.30 m. ; Min. 1.50 m.
Hygrometric data from readings of wet and dry bulb thermometers exposed in a Stevenson screen, reduced according to M. O. 265.
Rim of Rain Gauge : above ground 0.66 m. ; above sea level 30.31 m.
Rainfall is read at 20:30 for the preceding 24 hours.
71 year averages are for period, 1875 - 1943

JULY 1960

METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				beaufort, scale Direction and force of wind			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	29:30		
1	0	4st-cu-ci	0	1.3	4sw	4sw	4sw	slight	
2	0	0	3cu	1.0	4sw	4sw	1sw	light	D; p.m
3	8st-cu	1st	1st	3.3	4sw	4sw	4sw	slight	D; p.m
4	1st	0	0	0.3	4sw	4sw	4sw	,,	D; p.m
5	0	0	0	0.0	4sw	4sw	2sw	,,	W; a.m
6	0	1cu-ci	1cu	0.7	4sw	4sw	3sw	slight	Breeze ; p.m.
7	4cu-st	1st	0	1.7	3sw	3w	0	light	
8	0	0	0	0.0	1w	2nw	0	,,	D; p.m.
9	1st	0	0	0.3	1sw	2w	0	,,	
10	1st	0	0	0.3	3sw	3sw	0	,,	D; p.m.
11	1ci-st	1st	0	0.7	4sw	4sw	4sw	slight	
12	1st	1st-cu	1cu	1.0	4sw	4sw	2w	,,	
13	1st	4st-cu-ci	0	1.7	4sw	4w	2w	light	D; p.m.
14	2st-ci	3st-cu	0	1.7	4sw	3w	5sw	slight	W; a.m.
15	2st-cu	3ci-cu	1cu	2.0	5sw	5sw	3sw	,,	W; a.m. p.m
16	2cu	4cu-ci	9cu	5.0	4sw	4w	0	slight	
17	8cu	0	0	2.7	3n	4n	3n	light	D; p.m.
18	0	0	0	0.0	1n	1n	0	,,	D; p.m.
19	1st	3st-cu	0	1.6	4sw	4sw	3sw	slight	D; p.m.
20	7cu-ci	0	0	2.3	4sw	3w	0	light	
21	0	0	0	0	3sw	3sw	0	slight	D; p.m.
22	1st	1cu	0	0.7	4sw	3sw	0	,,	D; p.m.
23	8cu-ci	2cu	0	3.3	3w	3w	0	,,	D; p.m.
24	1cu	5cu-ci	4cu	3.3	3sw	3w	0	,,	
25	3st-cu	4cu	0	2.3	4sw	4sw	3sw	slight	
26	4cu	10cu-st	3cu	5.7	3sw	3w	3w	light	
27	3st-cu	2st-cu	10cu-st	4.7	1sw	3w	1w	slight	
28	0	1cu	0	0.3	2sw	2w	0	light	
29	1ci	1cu	10st-cu	4 0	1w	1n	0	,,	
30	3st-cu	10st-cu	0	4.3	2w	3w	1w	,,	
31	0	3cu-st	3cu-ni	2.0	3s	3sw	1w	,,	
	mean			1.87					

Abbreviation : G = gale ; H = haze ; M = mist ; T = Thunderstorm ; D – dew
W = strong wind ; Tr = trace of rain

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm	Total
8:30	2	0	0	0	1	24	4	0	0	31
14:30	3	0	0	0	0	15	12	1	0	31
20:30	1	0	0	0	0	11	6	0	13	31
Total	6	0	0	0	1	50	22	1	13	93

Number of days with rain 0, fog 0, thunderstorm 0, gale. 0

71 yr. av. number of days with rain during month 0.17

Time of reading minus 2 hours equals G.C.T